West Virginia Accident Data 1986

West Virginia Department of Highways

Arch A. Moore, Jr., Governor
William S. Ritchie, Jr., Commissioner

COPIES OF THIS REPORT MAY BE OBTAINED FROM:

TRAFFIC ENGINEERING DIVISION
WEST VIRGINIA DEPARTMENT OF HIGHWAYS
1900 WASHINGTON STREET EAST
CHARLESTON, WEST VIRGINIA 25305

TELEPHONE: (304) 348-3063

WEST VIRGINIA DEPARTMENT OF HIGHWAYS
1900 Washington Street, East
Charleston, West Virginia
25305

ARCH A. MOORE, JR.
GOVERNOR

WILLIAM S. RITCHIE, JR.
COMMISSIONER

May 1987

TO USERS OF HIGHWAY ACCIDENT DATA:

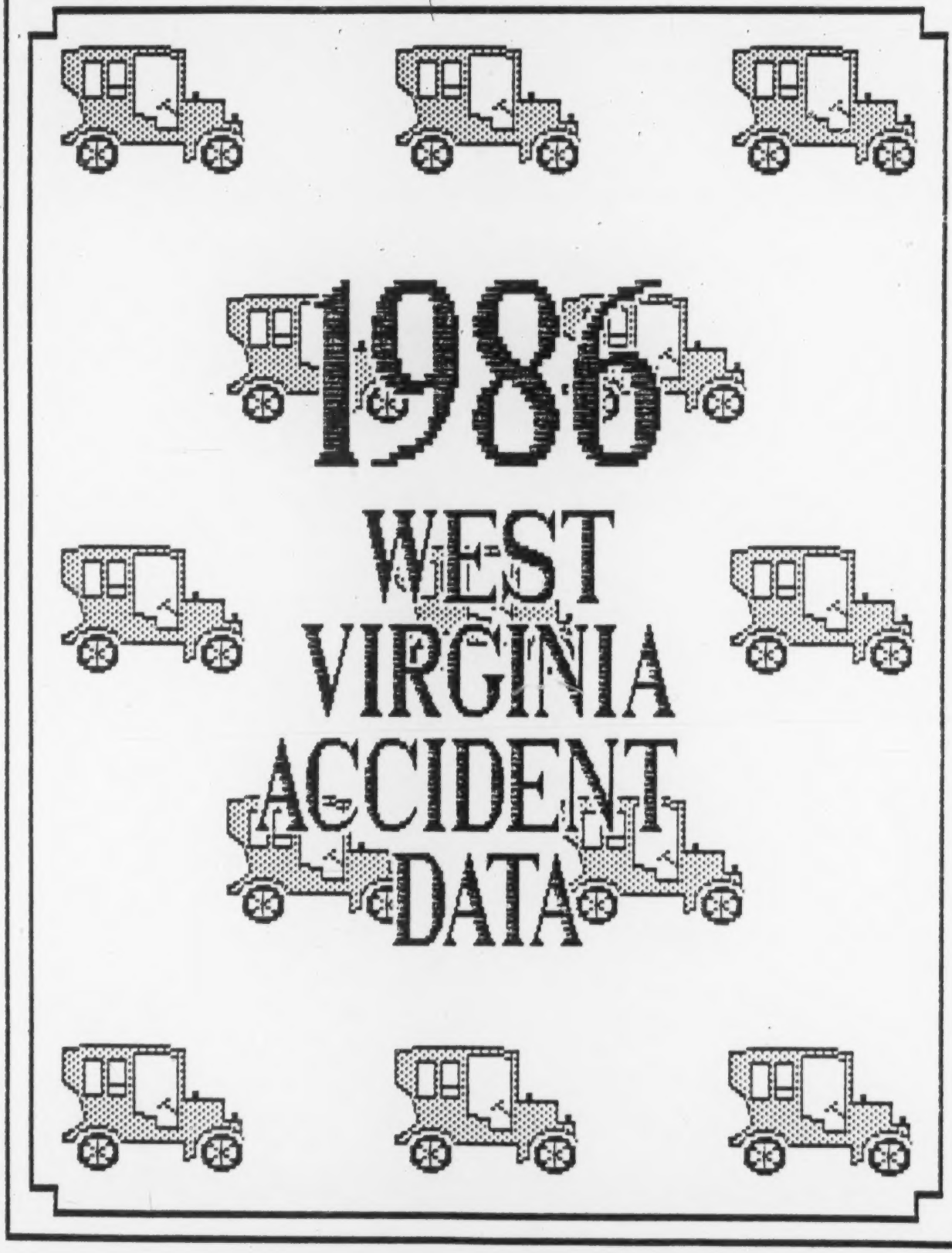
The West Virginia Accident Data 1986 Report providing the summarized finding and statistics of highway accidents is for your information and circulation. The information contained herein was prepared by personnel of the West Virginia Department of Highways based on information extracted from accident reports submitted to the West Virginia Department of Motor Vehicles. The tabulations were prepared by our Department using the Traffic Records Information System (TRIS) computer processing of data.

The Department sincerely hopes that the publication of this material will be valuable in identifying and evaluating problems associated with highway safety; however, this report is only intended to serve as an information document. It is to be used as a basis for further study and is not to be construed as a listing of priorities or as a program of improvements.

Sincerely yours,

W. S. Ritchie, Jr.
Commissioner

WSR:Ka


1986
WEST
VIRGINIA
ACCIDENT
DATA

1986
West Virginia
Accident Data

West Virginia
Department of Highways
WILLIAM S. RITCHIE, Commissioner
in cooperation with

U.S.
Department of Transportation
Federal
Highway Administration

TABLE OF CONTENTS

		PAGE
I	COMMISSIONER'S EXPLANATORY NOTE	iii
II	TABLE OF CONTENTS	iv
III	GENERAL SUMMARY:	
	(A) 1986 ACCIDENT SUMMARY	1
	(B) 1985-1986 COMPARISON	2
	(C) ACCIDENTS BY COUNTIES MAP	3
	(D) ECONOMIC LOSS BY COUNTIES	4-5
	(E) MOTORCYCLE DATA	6-7
	(F) ACCIDENT TYPE	8
	(G) VEHICLE TYPE	8
	(H) CONTRIBUTING FACTORS	9
	(I) SPECIFIC LOCATION	9
	(J) TIME	10-11
	(K) OBJECTS STRUCK	12
	(L) SEAT BELT USAGE	12
	(M) ACCIDENTS IN INCORPORATED TOWNS	13-16
	(N) URBAN/RURAL	17
	(O) DATA SOURCE	17
	(P) TYPE OF HIGHWAY	18
	(Q) ACCIDENT RATE	19
IV.	FATAL ACCIDENT DATA	
	(A) 1986 FATAL SUMMARY	21
	(B) FATAL CALENDAR	22-33
	(C) ALCOHOL INVOLVEMENT BY DRIVER AGE	34
	(D) DRIVERS AGE 16 - 24	35

GENERAL SUMMARY

1986 DATA

In 1986 as a result of Traffic Accidents in West Virginia there were:

*ACCIDENTS	53,685
FATALITIES	441
PEOPLE INJURED	26,889
PROPERTY DAMAGE	$115,150,643
ECONOMIC LOSS	$396,105,600

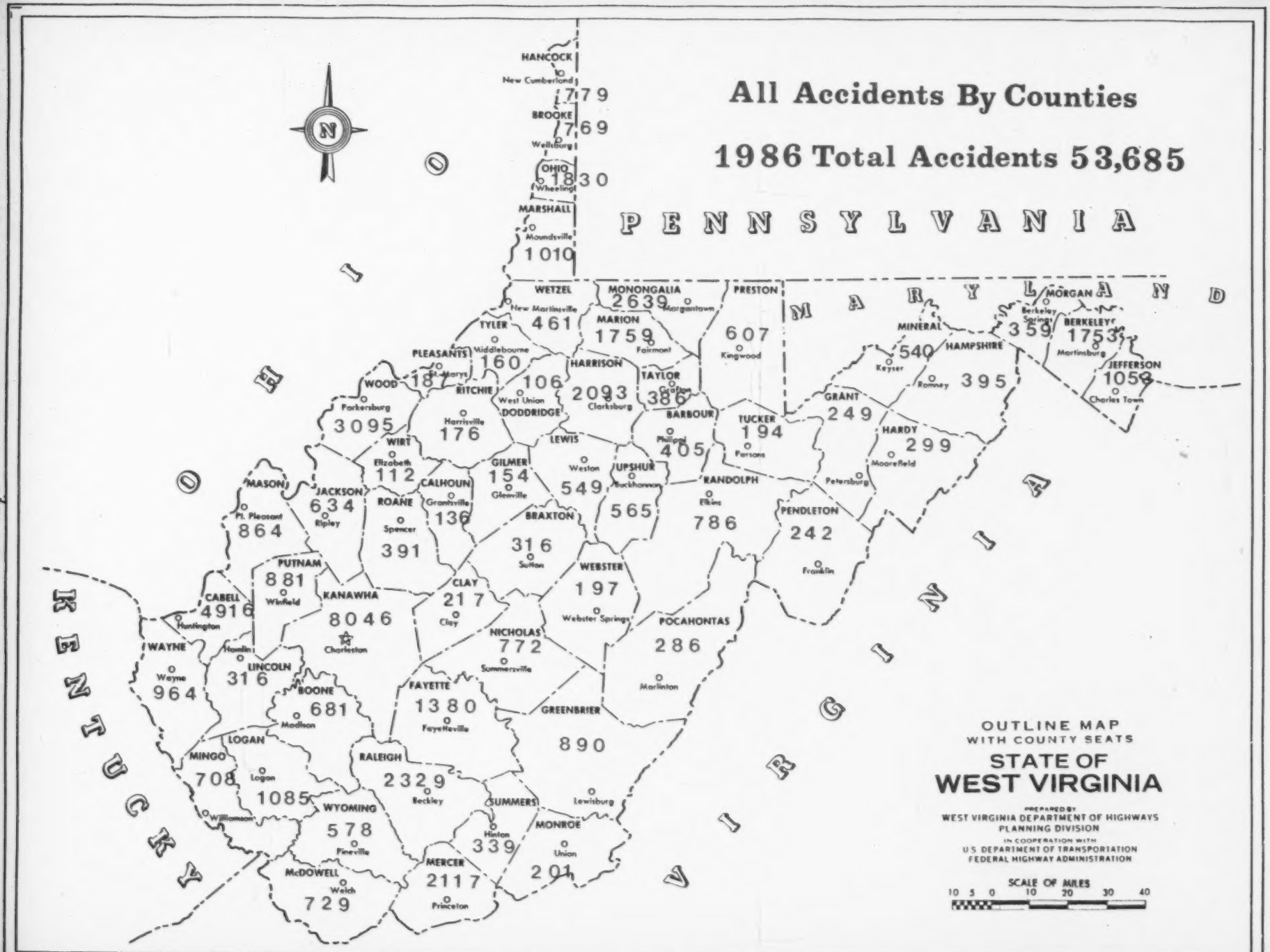
Currently in West Virginia there are:

DRIVERS LICENSES	1,298,065
MOTOR VEHICLES REGISTERED	1,479,937
ROADWAY MILES MAINTAINED	34,242
VEHICLE MILES DRIVEN	12,693,033,000

*Only reported accidents on the Uniform Traffic Accident Report

1986 SUMMARY

	1986 1985		
TOTALS			
ACCIDENTS	53,685 54,283	↓	1.1%
INJURIES	26,889 26,089	↑	3.1%
FATALITIES	441 427	↑	3.3%
FACTORS			
WET ROADS	12,742 13,342	↓	4.5%
NIGHT	16,155 16,482	↓	2.0%
RUN OFF	13,317 13,449	↓	1.0%
SPEEDING	2,542 2,418	↑	5.1%
ALCOHOL	2,962 2,901	↑	2.1%
MOTORCYCLES	813 1,013	↓	19.7%


All Accidents By Counties
1986 Total Accidents 53,685
HANCOCK
New Cumberland
1779
BROOKE
1769
Wellsburg
OHIO
1830
Wheeling
MARSHALL
Moundsville
1010
PENNSYLVANIA
WETZEL
New Martinsville
461
MONONGALIA
2639
Morgantown
PRESTON
607
Kingwood
MARYLAND
MORGAN
Berkeley Springs
359
BERKELEY
1753
Martinsburg
JEFFERSON
1053
Charles Town
MINERAL
540
Keyser
HAMPSHIRE
Romney
395
TYLER
Middlebourne
PLEASANTS
St. Marys
160
18
MARION
1759
Fairmont
HARRISON
106
2093
Clarksburg
TAYLOR
Grafton
386
WOOD
Parkersburg
3095
RITCHIE
West Union
DODDRIDGE
Harrisville
176
BARBOUR
Philippi
405
TUCKER
Parsons
194
GRANT
249
HARDY
Moorefield
299
Petersburg
WIRT
Elizabeth
112
LEWIS
GILMER
Glenville
154
Weston
549
UPSHUR
Buckhannon
565
RANDOLPH
Elkins
786
MASON
Pt. Pleasant
864
JACKSON
Ripley
634
ROANE
Spencer
391
CALHOUN
Grantsville
136
BRAXTON
Sutton
316
PENDLETON
Franklin
242
PUTNAM
Winfield
881
CABELL
Huntington
4916
KANAWHA
Charleston
8046
CLAY
Clay
217
WEBSTER
Webster Springs
197
POCAHONTAS
286
Marlinton
NICHOLAS
Summersville
772
WAYNE
Wayne
964
LINCOLN
Hamlin
316
BOONE
Madison
681
FAYETTE
Fayetteville
1380
GREENBRIER
890
LOGAN
Logan
MINGO
708
1085
RALEIGH
Beckley
2329
SUMMERS
Hinton
339
Lewisburg
MONROE
Union
201
WYOMING
Pineville
578
Williamson
MERCER
Princeton
2117
McDOWELL
Welch
729
KENTUCKY
VIRGINIA
OUTLINE MAP
WITH COUNTY SEATS
STATE OF
WEST VIRGINIA
PREPARED BY
WEST VIRGINIA DEPARTMENT OF HIGHWAYS
PLANNING DIVISION
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE OF MILES
10 5 0 10 20 30 40

WEST VIRGINIA ECONOMIC LOSS BY COUNTY FOR 1986*

COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ONLY ACCIDENTS	PERSONS KILLED	PERSONS INJURED	TOTAL ECONOMIC LOSS
BARBOUR	405	4	131	270	4	183	$2,967,600
BERKELEY	1,753	15	639	1,099	21	958	$15,172,400
BOONE	681	5	271	405	6	432	$5,900,400
BRAXTON	316	7	126	183	10	208	$4,533,200
BROOKE	769	3	224	542	4	334	$4,683,200
CABELL	4,916	12	1,172	3,732	14	1,729	$23,745,200
CALHOUN	136	0	39	97	0	55	$622,400
CLAY	217	1	89	127	1	145	$1,726,400
DODDRIDGE	106	2	35	69	2	60	$1,114,800
FAYETTE	1,380	10	524	846	10	820	$10,959,200
GILMER	154	1	47	106	1	62	$937,600
GRANT	249	3	105	141	3	159	$2,352,000
GREENBRIER	890	6	309	575	7	474	$6,730,800
HAMPSHIRE	395	2	162	231	5	278	$4,034,800
HANCOCK	779	5	272	502	5	398	$5,464,000
HARDY	299	6	133	160	6	196	$3,435,200
HARRISON	2,093	11	660	1,422	11	978	$13,344,000
JACKSON	634	5	177	452	6	249	$4,273,200
JEFFERSON	1,053	16	384	653	18	579	$10,430,400
KANAWHA	8,046	34	2,671	5,341	41	4,131	$54,254,400
LEWIS	549	6	166	377	7	250	$4,432,400
LINCOLN	316	5	126	185	6	220	$3,686,000
LOGAN	1,085	14	407	664	18	638	$10,986,400
MCDOWELL	729	8	260	461	9	413	$6,512,800
MARION	1,759	11	542	1,206	11	824	$11,668,000
MARSHALL	1,010	3	310	697	3	437	$5,576,800
MASON	864	6	245	613	6	382	$5,690,000
MERCER	2,117	18	796	1,303	21	1,303	$18,591,200

* (BASED ON ESTIMATES BY THE NATIONAL SAFETY COUNCIL)
1. FATALITY-$240,000
2. INJURY -$ 9,200
3. PDO ACC -$ 1,200

WEST VIRGINIA ECONOMIC LOSS BY COUNTY FOR 1986*

COUNTY	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ONLY ACCIDENTS	PERSONS KILLED	PERSONS INJURED	TOTAL ECONOMIC LOSS
MINERAL	540	8	201	331	8	304	$5,114,000
MINGO	708	9	266	433	10	418	$6,765,200
MONONGALIA	2,639	13	775	1,851	17	1,133	$16,724,800
MONROE	201	4	83	114	4	126	$2,256,000
MORGAN	359	5	140	214	7	221	$3,970,000
NICHOLAS	772	13	283	476	15	476	$8,550,400
OHIO	1,830	9	515	1,306	10	738	$10,756,600
PENDLETON	242	3	119	120	3	186	$2,575,200
PLEASANTS	187	1	57	129	1	91	$1,232,000
POCAHONTAS	286	4	115	167	4	172	$2,742,800
PRESTON	607	8	200	399	8	312	$5,269,200
PUTNAM	861	8	284	589	8	456	$6,822,000
RALEIGH	2,329	12	854	1,463	12	1,333	$16,899,200
RANDOLPH	786	6	277	503	6	410	$5,815,600
RITCHIE	176	2	72	102	2	111	$1,623,600
ROANE	391	4	123	264	4	179	$2,923,600
SUMMERS	339	4	123	212	5	209	$3,377,200
TAYLOR	386	4	129	253	4	184	$2,956,400
TUCKER	194	2	68	124	2	105	$1,594,800
TYLER	160	2	57	101	2	90	$1,429,200
UPSHUR	565	4	150	411	4	221	$3,486,400
WAYNE	964	13	296	655	16	484	$9,078,800
WEBSTER	197	4	57	136	4	89	$1,942,000
WETZEL	461	1	147	313	1	209	$2,538,400
WIRT	112	1	47	64	1	68	$942,400
WOOD	3,095	14	883	2,198	14	1,298	$17,939,200
WYOMING	578	10	216	352	13	371	$6,955,600
	======	===	======	======	===	======	==========
	53,685	387	17,559	35,739	441	26,889	$396,105,600

* (BASED ON ESTIMATES BY THE NATIONAL SAFETY COUNCIL)
1. FATALITY-$240,000
2. INJURY -$ 9,200
3. PDO ACC -$ 1,200

1986 WEST VIRGINIA ACCIDENT DATA

AGE AND SEX OF MOTORCYCLE OPERATORS AND PASSENGERS

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY SEX

AGE / SEX FREQUENCY PERCENT	FEMALE	MALE	TOTAL
15 AND YOUNGER	5 0.57	58 6.60	63 7.17
16	4 0.46	42 4.78	46 5.23
17	5 0.57	41 4.66	46 5.23
18	5 0.57	58 6.60	63 7.17
19	1 0.11	49 5.57	50 5.69
20 TO 24	10 1.14	208 23.66	218 24.80
25 TO 34	7 0.80	217 24.69	224 25.48
35 TO 44	5 0.57	107 12.17	112 12.74
45 TO 54	5 0.57	34 3.87	39 4.44
55 TO 64	1 0.11	12 1.37	13 1.48
65 TO 74	1 0.11	4 0.46	5 0.57
TOTAL	49 5.57	830 94.43	879 100.00

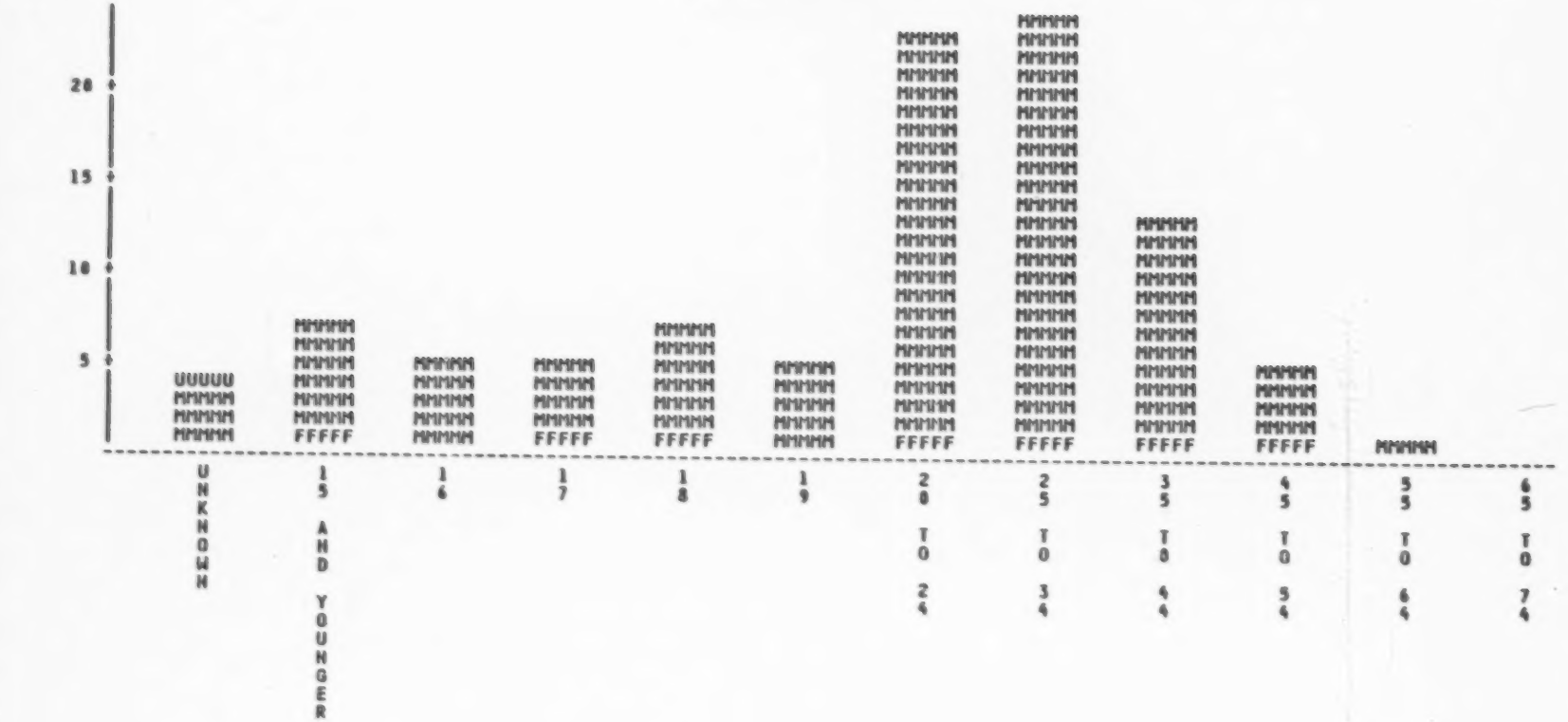
FREQUENCY MISSING = 47

1986 WEST VIRGINIA ACCIDENT DATA

SEX OF MOTORCYCLE OPERATORS AND PASSENGERS

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

PERCENTAGE BAR CHART



SYMBOL	SEX	SYMBOL	SEX	SYMBOL	SEX
F	FEMALE	M	MALE	U	UNKNOWN

1986 ACCIDENT DATA

Accident Type	Number	Percent
Rear End	10,088	18.8
Head On	2,090	3.9
Sideswipe-Same Direction	4,685	8.8
Sideswipe-Opposite Direction	4,357	8.1
Access Conflict	10,419	19.4
Run-Off	13,317	24.8
Pedestrian	788	1.5
Animal	1,260	2.3
Parked Vehicle	5,109	9.5
Train	62	0.1
Other	1,510	2.8
TOTAL	53,685	100.0

Vehicle Type	Number	Percent
Automobile	85,530	90.3
Truck	5,084	5.4
Semi	1,764	1.9
Motorcycle	813	0.9
Trailer	20	-0-
Commercial Bus	84	0.1
Equipment	240	0.3
Other	1,117	1.1
TOTAL	94,652	100.0

1986 ACCIDENT DATA

Contributing Factors	Number	Percent
Exceeding Speed Limit	532	0.6
Exceeding Safe Speed	2,010	2.1
Improper Lane Change	1,513	1.6
Follows Too Close	1,456	1.5
Disregards Traffic Control	1,270	1.4
Didn't Have Right of Way	7,572	8.0
Didn't Have Control	15,252	16.1
Under Minimum Speed	31	-0-
No/Improper Signal	196	0.2
Turning Improperly	855	0.9
Passing Improperly	491	0.5
Parking Improperly	317	0.3
Backing Improperly	1,248	1.3
Avoiding Animal/Vehicle	934	1.0
Distraction in Vehicle	140	0.1
Walking Violation	7	-0-
Driver Under Influence	777	0.8
Pedestrian Under Influence	6	-0-
Slippery Pavement	1,482	1.6
Other Road Defects	174	0.2
Previous Accident	64	0.1
Mechanical Defect	489	0.5
None Noted	57,836	61.2
TOTAL	94,652	100.0

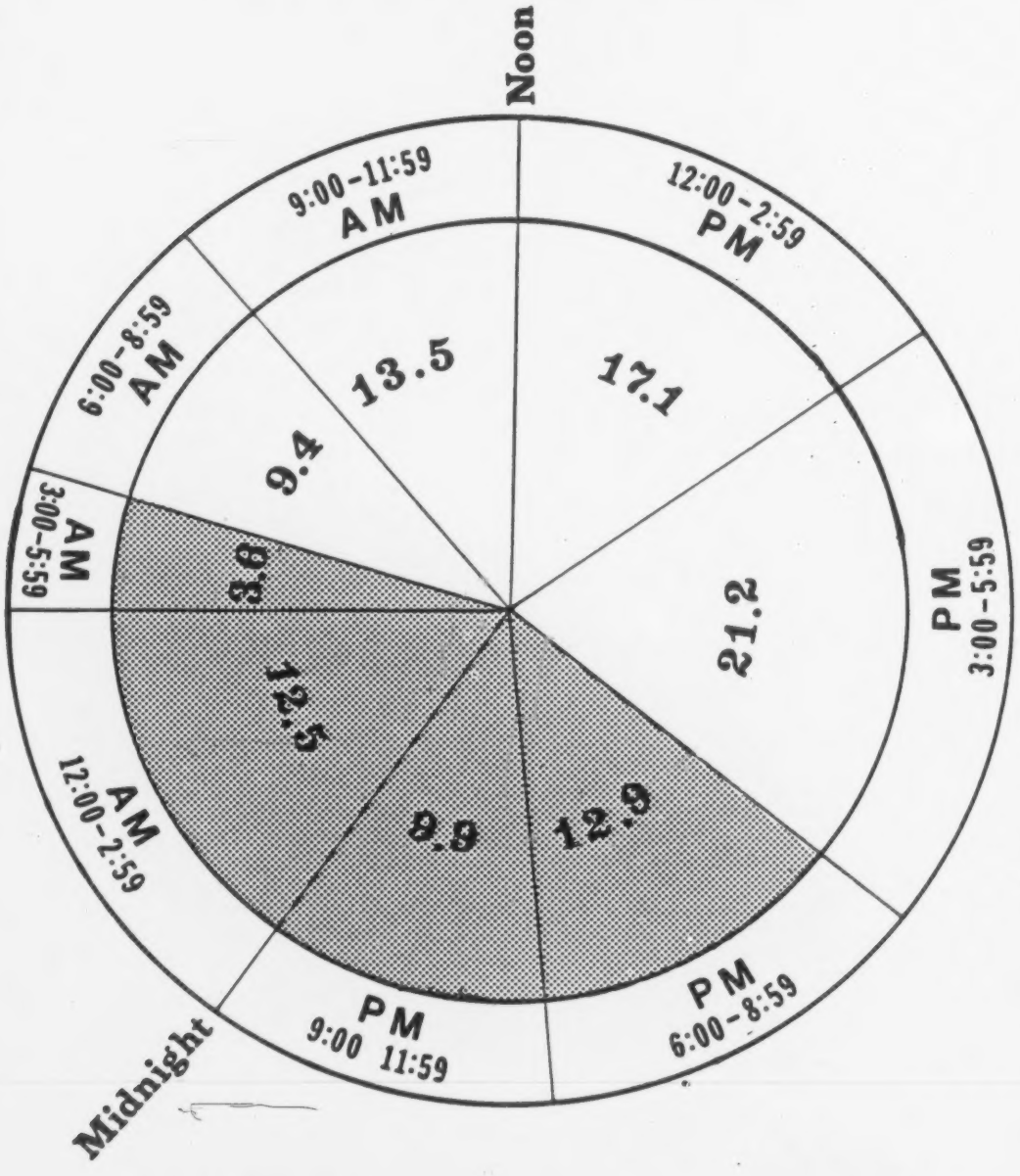
Specific Location	Number	Percent
Intersection	12,735	23.7
Commercial Drive	6,919	12.9
Private Drive	389	0.7
Bridge/Overpass	531	1.0
Underpass	65	0.1
Railroad Crossing	121	0.2
Lane Changes	-0-	-0-
Construction	506	1.0
None Noted	32,419	60.4
TOTAL	53,685	100.0

1986 ACCIDENT DATA

Month of Year	Number	Project
January	4,756	8.8
February	4,526	8.4
March	4,000	7.5
April	3,854	7.2
May	4,497	8.4
June	4,293	8.0
July	4,280	8.0
August	4,846	9.0
September	4,492	8.4
October	4,903	9.1
November	4,876	9.1
December	4,362	8.1
TOTAL	53,685	100.0

Day of Week	Number	Percent
Sunday	5,975	11.1
Monday	7,738	14.4
Tuesday	7,433	13.9
Wednesday	7,582	14.1
Thursday	7,319	13.7
Friday	9,142	17.0
Saturday	8,496	15.8
TOTAL	53,685	100.0

% of Accident Occurrence By Time Of Day



1986 Total Accidents - 53,685

Denotes Hours Of Darkness

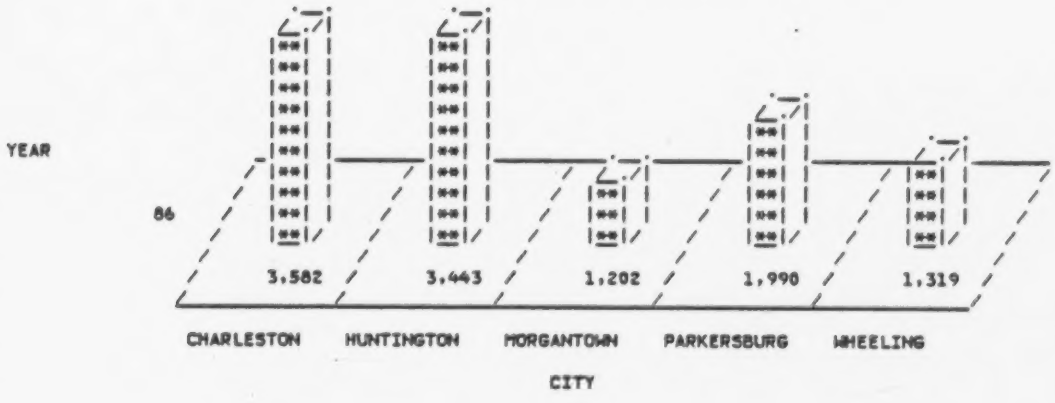
1986 ACCIDENT DATA

Fixed Object Struck	Number	Percent
Utility Pole	1,494	2.8
Tree	929	1.7
Guardrail	1,170	2.2
Fence	1,225	2.3
Median Barrier	51	0.1
Traffic Signs	457	0.8
Embankment	674	1.3
Bridge	273	0.5
Curb	39	0.1
Debris in Road	73	0.1
Mailbox	220	0.4
Fire Hydrant	51	0.1
Traffic Signal	17	-0-
Building	355	0.7
Gas Meter	52	0.1
Other	894	1.7
TOTALS:	7,974	14.9

Seat Belt Usage	Number	Percent
None Installed	2,480	2.5
Not Used	47,211	48.3
Lap Belt	4,096	4.2
Lap and Shoulder Belt	15,202	15.6
Unknown	28,669	29.4
TOTAL	97,658	100.0

1986
WEST VIRGINIA ACCIDENT DATA
COLLISIONS IN LARGEST CITIES

BLOCK CHART OF ACCIDENT



1986 CITY ACCIDENT INFORMATION
INCORPORATED TOWNS POPULATION 2,700 - 5,000

CITY	POPULATION	ACCIDENTS	ACCIDENTS /10000 POPULATION	INJURIES	INJURIES /10000 ACCIDENTS	DEATHS	% SEATBELT USED
BARBOURSVILLE	2,997	75	250	29	3867	0	18
BETHLEHEM	3,099	33	106	7	2121	0	2
CHARLES TOWN	2,973	146	491	59	4041	0	6
CHESTER	3,243	34	105	19	5588	0	4
FOLLANSBEE	3,909	112	287	28	2500	0	20
HINTON	4,246	69	163	20	2899	0	9
HURRICANE	4,108	83	202	22	2651	0	10
KENOVA	4,176	128	307	31	2422	0	9
KINGWOOD	2,813	68	242	7	1029	0	5
LEWISBURG	2,969	77	259	28	3636	0	17
LOGAN	2,867	100	349	32	3200	0	12
MADISON	3,093	94	304	44	4681	0	6
MARMINGTON	3,042	44	145	11	2500	0	11
MONTGOMERY	2,897	109	376	35	3211	1	11
PADEN CITY	3,583	37	103	5	1351	0	5
PHILIPPI	3,102	75	242	23	3067	1	3
RAVENSWOOD	3,806	57	150	9	1579	0	6
RICHWOOD	3,183	34	107	2	588	0	0
RIPLEY	3,366	119	354	24	2017	0	7
SHINNSTON	2,982	35	117	8	2286	0	3
SPENCER	2,732	92	337	18	1957	0	8
SUMMERSVILLE	3,032	111	366	53	4775	2	19
WELCH	3,654	161	441	62	3851	0	15
WELLSBURG	3,693	136	368	49	3603	1	14
WHITE SULPHUR SPRINGS	3,287	30	91	11	3667	0	4
WILLIAMSTOWN	3,167	43	136	11	2558	0	32
		*****		***		*	
		2,102		647		5	

1986 CITY ACCIDENT INFORMATION
INCORPORATED TOWNS POPULATION 5,001 - 10,000

CITY	POPULATION	ACCIDENTS	ACCIDENTS /10000 POPULATION	INJURIES	INJURIES /10000 ACCIDENTS	DEATHS	% SEATBELT USED
BRIDGEPORT	6,648	139	209	53	3813	0	12
BUCKHANNON	7,012	171	244	49	2865	0	13
DUNBAR	9,212	276	300	93	3370	1	23
ELKINS	8,472	252	297	93	3690	0	20
GRAFTON	6,712	152	226	45	2961	1	7
KEYSER	6,564	101	154	34	3366	0	10
NEW MARTINSVILLE	7,085	209	295	73	3493	1	7
NITRO	7,822	195	249	125	6410	0	21
OAK HILL	7,012	170	242	63	3706	0	7
PRINCETON	8,285	383	462	149	3890	0	13
PT PLEASANT	5,463	186	340	87	4677	0	17
WESTON	6,011	191	318	44	2304	0	3
WESTOVER	5,003	87	174	17	1954	0	19
WILLIAMSON	5,414	170	314	34	2000	1	7
		*****		***		*	
		2,682		959		4	

*POPULATION - 1984 BUREAU OF CENSUS

1986 CITY ACCIDENT INFORMATION
INCORPORATED TOWNS POPULATION 10,001 - 25,000

CITY	POPULATION	ACCIDENTS	ACCIDENTS /10000 POPULATION	INJURIES	INJURIES /10000 ACCIDENTS	DEATHS	% SEATBELT USED
BECKLEY	20,440	739	362	343	4641	1	18
BLUEFIELD	15,273	390	255	272	6974	3	17
CLARKSBURG	21,379	636	297	151	2374	0	12
FAIRMONT	22,822	793	347	307	3871	2	18
MARTINSBURG	13,155	485	369	174	3588	1	18
MOUNDSVILLE	12,220	308	252	109	3539	0	11
SO CHARLESTON	15,222	625	411	322	5152	3	25
ST ALBANS	12,061	354	294	155	4379	0	18
VIENNA	11,495	162	141	54	3333	0	30
WEIRTON	23,891	575	241	305	5304	3	26
		5,067		2,192		13	

1986 CITY ACCIDENT INFORMATION
INCORPORATED TOWNS POPULATION 25,001 - 50,000

CITY	POPULATION	ACCIDENTS	ACCIDENTS /10000 POPULATION	INJURIES	INJURIES /10000 ACCIDENTS	DEATHS	% SEATBELT USED
MORGANTOWN	27,786	1,202	433	372	3095	1	28
PARKERSBURG	39,379	1,990	505	728	3658	3	32
WHEELING	42,080	1,319	313	520	3942	8	12
		4,511		1,620		12	

1986 CITY ACCIDENT INFORMATION
INCORPORATED TOWNS POPULATION OVER 50,000

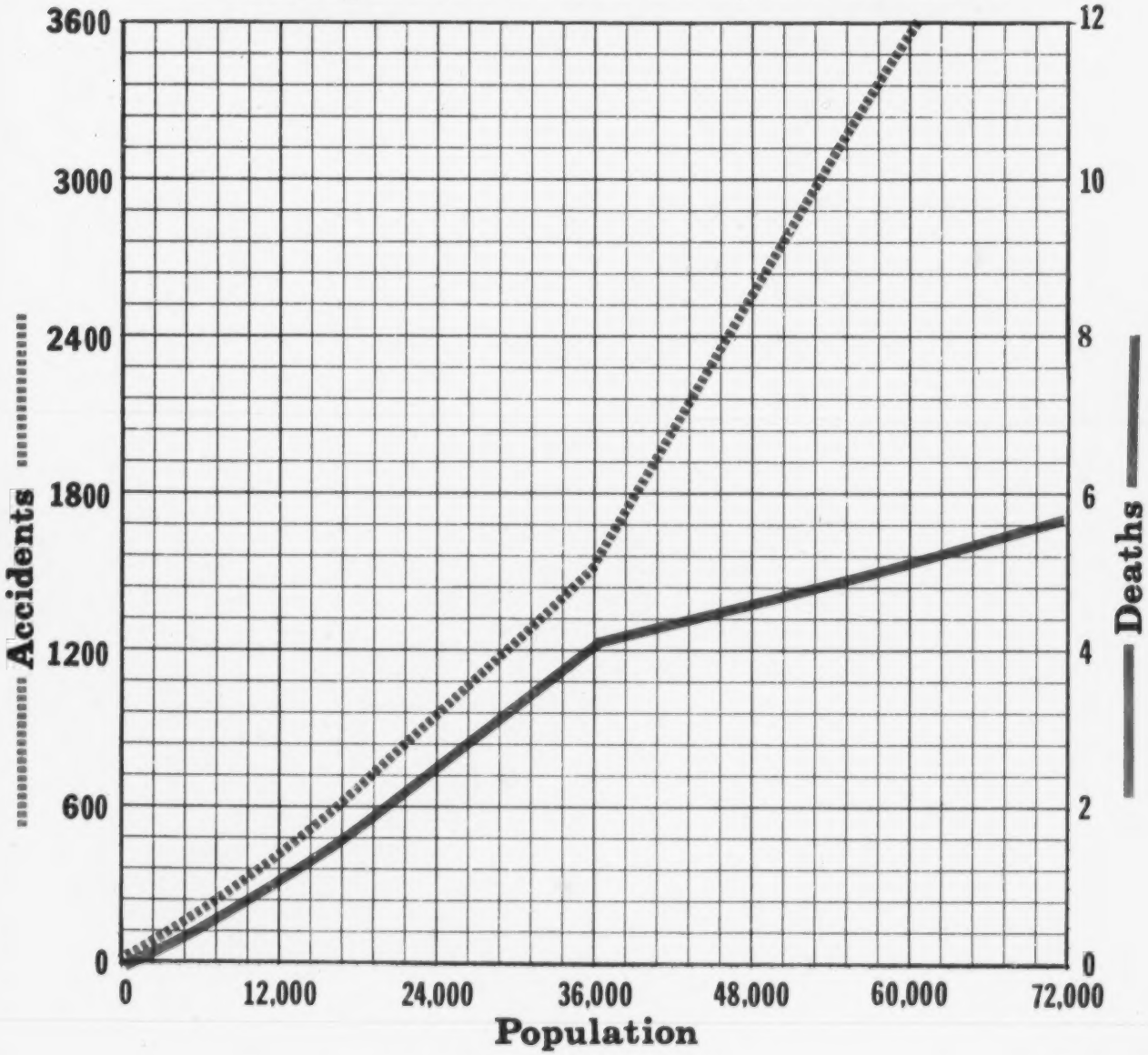
CITY	POPULATION	ACCIDENTS	ACCIDENTS /10000 POPULATION	INJURIES	INJURIES /10000 ACCIDENTS	DEATHS	% SEATBELT USED
CHARLESTON	59,371	3,582	603	1,481	4135	7	25
HUNTINGTON	61,086	3,443	564	972	2823	3	21
		7,025		2,453		10	

*POPULATION - 1984 BUREAU OF CENSUS

1986

Accidents and Deaths vs. Population*

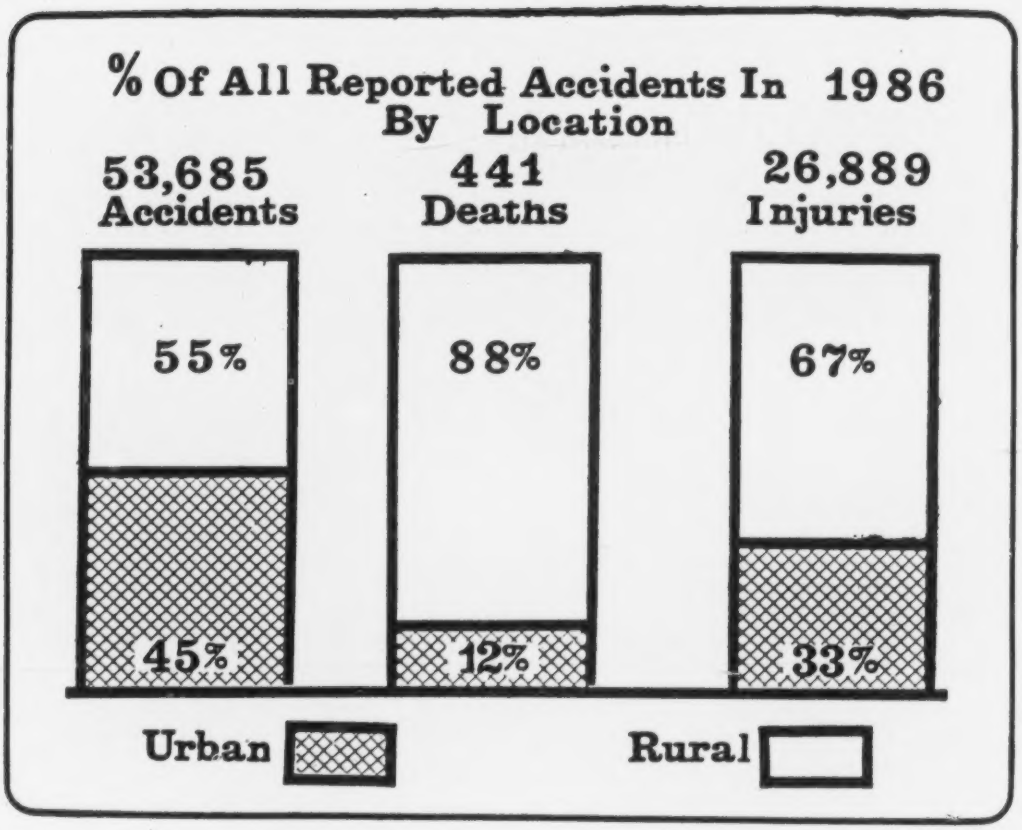
In Incorporated Towns Of 2,700 Or More

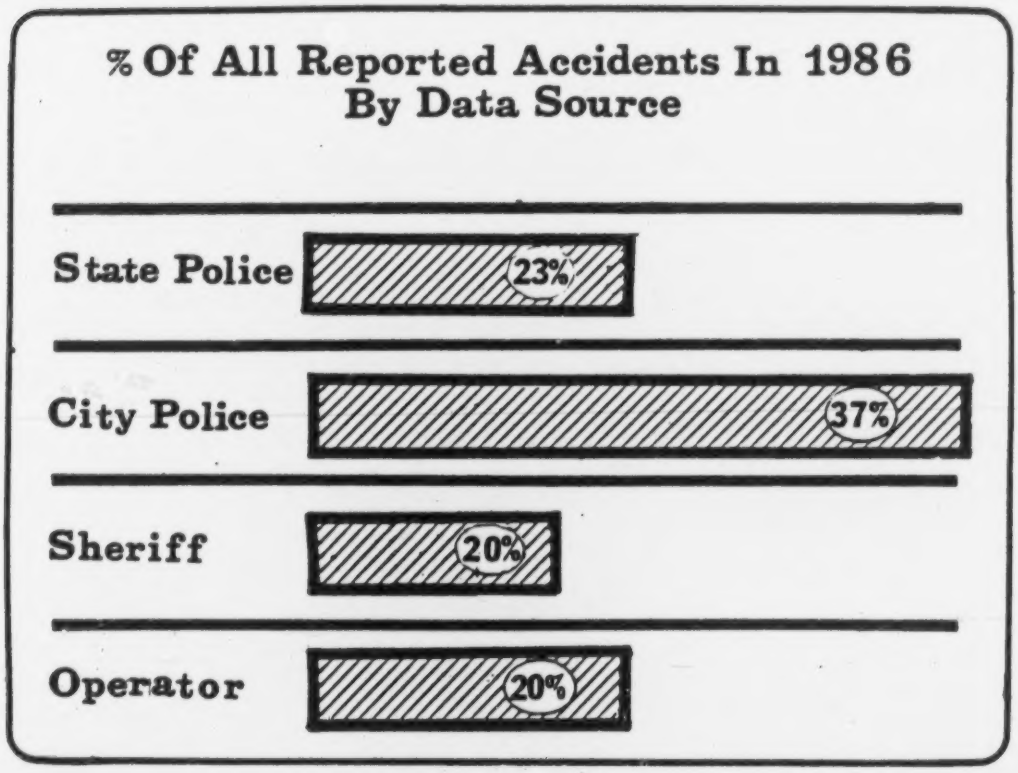


Accidents

Deaths

*Population - 1984 Bureau of Census


% Of All Reported Accidents In 1986
By Location
53,685
Accidents
441
Deaths
26,889
Injuries
55%
45%
88%
12%
67%
33%
Urban
Rural

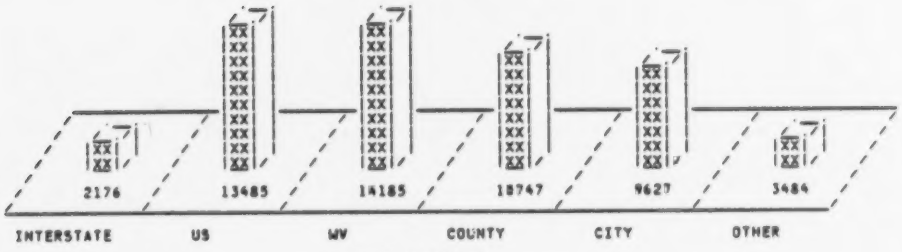

% Of All Reported Accidents In 1986
By Data Source
State Police
23%
City Police
37%
Sheriff
20%
Operator
20%

1986 WEST VIRGINIA ACCIDENT DATA

BY TYPE OF HIGHWAY

TOTAL FOR STATE

BLOCK CHART OF ACCIDENT SUMS



CLASS MIDPOINT

RURAL AREAS

PERCENTAGE BAR CHART

MIDPOINT CLASS		FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	XXXXXXXXXX	1608	1608	5.40	5.40
US	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	7560	9168	25.37	30.77
WV	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	9212	18380	30.91	61.68
COUNTY	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	9323	27703	31.29	92.97
CITY		0	27703	0.00	92.97
OTHER	XXXXXXXXXXXXXX	2095	29798	7.03	100.00

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

PERCENTAGE

URBAN AREAS

PERCENTAGE BAR CHART

MIDPOINT CLASS		FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	XXXXX	568	568	2.38	2.38
US	XXXXXXXXXXXXXXXXXXXX

BASE ACCIDENT RATES

1984 - 1986

Highway Type	*Rate Per HMVM
Rural Interstate	69
Urban Interstate	123
Rural Primary	308
Rural Primary - Two Lanes	317
Rural Primary - Two Lanes 16-17'	396
Rural Primary - Two Lanes 18-22'	317
Rural Primary - Two Lanes over 22'	270
Rural Primary - Four Lanes	150
Rural Primary - Four Lanes Controlled Access	114
Urban Primary	547
Urban Primary - Two Lanes	572
Urban Primary - Four Lanes	380
County Routes over 500 ADT	367
Rural County Routes over 500 ADT less than 16'	280
Rural County Routes over 500 ADT 16-17'	359
Rural County Routes over 500 ADT 18-22'	383
Urban County Routes over 500 ADT - Two Lanes	426

* 3-Year Accident Rate Per Hundred Million Vehicles Miles

FATAL ACCIDENT DATA

1986 WEST VIRGINIA ACCIDENT DATA

FATAL COLLISIONS AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

MONTH	TOTAL FATAL COLLISIONS	PERSONS KILLED	ALCOHOL-RELATED COLLISIONS	BICYCLE COLLISIONS	PEDESTRIAN COLLISIONS	TRAIN COLLISIONS	MOTORCYCLE COLLISIONS	SEMI COLLISIONS
JANUARY	28	31	18	0	2	1	1	0
FEBRUARY	28	35	10	0	1	1	1	4
MARCH	23	26	15	0	1	0	1	0
APRIL	30	35	16	0	2	0	3	4
MAY	36	39	22	1	0	0	4	3
JUNE	35	37	19	0	3	0	4	4
JULY	30	36	10	0	1	0	4	2
AUGUST	43	48	18	1	4	0	5	6
SEPTEMBER	35	43	18	0	3	0	1	3
OCTOBER	30	33	15	0	2	0	1	1
NOVEMBER	32	39	13	0	4	2	0	0
DECEMBER	37	39	13	0	5	0	1	4
	===	===	===	=	==	=	==	==
	387	441	179	2	36	4	26	31

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

JANUARY 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 4 TOTAL 4 KILLED 2 ALCOHOL 1 PED 1 TRAIN	2	3 2 TOTAL 2 KILLED 2 ALCOHOL	4 1 TOTAL 1 KILLFD 1 ALCOHOL
5 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	6	7	8	9	10	11 1 TOTAL 1 KILLED 1 ALCOHOL
12 3 TOTAL 4 KILLED 2 ALCOHOL	13 1 TOTAL 1 KILLED	14 1 TOTAL 1 KILLED	15 2 TOTAL 3 KILLED 1 ALCOHOL	16 1 TOTAL 1 KILLED 1 ALCOHOL	17 2 TOTAL 2 KILLED 1 ALCOHOL	18
19	20	21	22 2 TOTAL 2 KILLED 2 ALCOHOL	23	24 2 TOTAL 2 KILLED 1 ALCOHOL	25 2 TOTAL 3 KILLED 1 ALCOHOL
26 1 TOTAL 1 KILLED	27	28 1 TOTAL 1 KILLED 1 ALCOHOL	29	30 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	31	

	SUM
TOTAL ACCIDENTS	28
PERSONS KILLED	31
ALCOHOL ACCIDENTS	18
PEDESTRIAN ACCIDENTS	2
TRAIN ACCIDENTS	1
MOTORCYCLE ACCIDENTS	1
SEMI ACCIDENTS	0

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

FEBRUARY 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 1 TOTAL 1 KILLED 1 SEMI
2 1 TOTAL 1 KILLED 1 ALCOHOL	3	4 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	5 1 TOTAL 1 KILLED	6	7 1 TOTAL 1 KILLED	8 2 TOTAL 6 KILLED 1 ALCOHOL 1 SEMI
9	10 1 TOTAL 1 KILLED	11 4 TOTAL 4 KILLED 1 ALCOHOL 1 SEMI	12 1 TOTAL 1 KILLED	13	14 2 TOTAL 3 KILLED 2 ALCOHOL	15
16 1 TOTAL 1 KILLED 1 ALCOHOL	17	18	19 1 TOTAL 1 KILLED 1 ALCOHOL	20 2 TOTAL 2 KILLED 1 TRAIN 1 MCYCLE	21	22 2 TOTAL 2 KILLED 1 ALCOHOL
23 1 TOTAL 1 KILLED	24 2 TOTAL 2 KILLED	25 2 TOTAL 4 KILLED	26 1 TOTAL 1 KILLED 1 SEMI	27	28 1 TOTAL 1 KILLED 1 ALCOHOL	

	SUM
TOTAL ACCIDENTS	28
PERSONS KILLED	35
ALCOHOL ACCIDENTS	10
PEDESTRIAN ACCIDENTS	1
TRAIN ACCIDENTS	1
MOTORCYCLE ACCIDENTS	1
SEMI ACCIDENTS	4

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

MARCH 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2 1 TOTAL 1 KILLED 1 ALCOHOL	3	4	5 2 TOTAL 2 KILLED	6	7 1 TOTAL 1 KILLED 1 ALCOHOL	8 2 TOTAL 3 KILLED 2 ALCOHOL
9 3 TOTAL 4 KILLED 2 ALCOHOL	10	11	12	13	14 1 TOTAL 1 KILLED 1 ALCOHOL	15 1 TOTAL 1 KILLED
16 1 TOTAL 2 KILLED	17	18	19 1 TOTAL 1 KILLED 1 ALCOHOL	20 1 TOTAL 1 KILLED 1 ALCOHOL	21	22 2 TOTAL 2 KILLED 1 ALCOHOL
23	24	25 1 TOTAL 1 KILLED	26 1 TOTAL 1 KILLED 1 ALCOHOL	27	28 1 TOTAL 1 KILLED 1 ALCOHOL	29 1 TOTAL 1 KILLED 1 ALCOHOL
30 2 TOTAL 2 KILLED 2 ALCOHOL 1 MCYCLE	31 1 TOTAL 1 KILLED 1 PED					

	SUM
TOTAL ACCIDENTS	23
PERSONS KILLED	26
ALCOHOL ACCIDENTS	15
PEDESTRIAN ACCIDENTS	1
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	1
SEMI ACCIDENTS	0

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

APRIL 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 2 TOTAL 2 KILLED 1 PED 1 SEMI	3	4 4 TOTAL 4 KILLED 1 ALCOHOL	5 1 TOTAL 1 KILLED 1 ALCOHOL
6	7	8	9 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI	10	11	12 4 TOTAL 4 KILLED 3 ALCOHOL 1 SEMI
13	14	15 2 TOTAL 5 KILLED 1 ALCOHOL	16 1 TOTAL 2 KILLED	17	18 1 TOTAL 1 KILLED 1 ALCOHOL	19 2 TOTAL 2 KILLED 2 ALCOHOL
20 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	21	22 1 TOTAL 1 KILLED	23	24 1 TOTAL 1 KILLED 1 PED	25 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	26 3 TOTAL 4 KILLED 2 ALCOHOL 1 MCYCLE
27 2 TOTAL 2 KILLED 2 ALCOHOL	28 1 TOTAL 1 KILLED 1 SEMI	29	30 2 TOTAL 2 KILLED			

	SUM
TOTAL ACCIDENTS	30
PERSONS KILLED	35
ALCOHOL ACCIDENTS	16
PEDESTRIAN ACCIDENTS	2
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	3
SEMI ACCIDENTS	4

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

MAY 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 1 TOTAL 1 KILLED 1 ALCOHOL	2	3 2 TOTAL 3 KILLED 1 ALCOHOL 1 PED
4 1 TOTAL 1 KILLED 1 ALCOHOL	5	6 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	7 1 TOTAL 1 KILLED	8 1 TOTAL 1 KILLED 1 ALCOHOL	9	10 1 TOTAL 1 KILLED 1 ALCOHOL
11	12 1 TOTAL 2 KILLED 1 SEMI	13 1 TOTAL 1 KILLED 1 PED	14 1 TOTAL 1 KILLED	15	16 3 TOTAL 3 KILLED 2 ALCOHOL 1 PED 1 SEMI	17 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED
18 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	19 1 TOTAL 1 KILLED	20	21	22 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED 1 MCYCLE	23	24 3 TOTAL 3 KILLED 3 ALCOHOL 1 PED
25	26 2 TOTAL 2 KILLED 1 ALCOHOL	27 2 TOTAL 2 KILLED	28 1 TOTAL 1 KILLED 1 ALCOHOL	29 1 TOTAL 1 KILLED 1 ALCOHOL	30 5 TOTAL 6 KILLED 4 ALCOHOL 1 PED 1 SEMI	31 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED 1 MCYCLE

	SUM
TOTAL ACCIDENTS	36
PERSONS KILLED	39
ALCOHOL ACCIDENTS	22
PEDESTRIAN ACCIDENTS	8
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	4
SEMI ACCIDENTS	3

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

JUNE 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3 2 TOTAL 3 KILLED 1 ALCOHOL 2 SEMI	4 1 TOTAL 1 KILLED 1 ALCOHOL	5	6 1 TOTAL 1 KILLED 1 ALCOHOL	7 2 TOTAL 2 KILLED 2 ALCOHOL
8 1 TOTAL 1 KILLED 1 ALCOHOL	9	10 1 TOTAL 1 KILLED	11 1 TOTAL 1 KILLED 1 ALCOHOL	12 2 TOTAL 2 KILLED 1 ALCOHOL	13 1 TOTAL 1 KILLED 1 ALCOHOL	14 3 TOTAL 3 KILLED 3 ALCOHOL 2 PED
15	16 2 TOTAL 2 KILLED 1 SEMI	17 1 TOTAL 1 KILLED 1 ALCOHOL	18 1 TOTAL 1 KILLED 1 SEMI	19	20 2 TOTAL 2 KILLED 1 MCYCLE	21 4 TOTAL 4 KILLED 2 ALCOHOL 2 MCYCLE
22 1 TOTAL 1 KILLED	23 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	24 1 TOTAL 2 KILLED	25 2 TOTAL 2 KILLED 1 ALCOHOL	26 1 TOTAL 1 KILLED	27 1 TOTAL 1 KILLED	28 1 TOTAL 1 KILLED 1 ALCOHOL
29 1 TOTAL 1 KILLED 1 ALCOHOL	30 1 TOTAL 1 KILLED 1 PED					

	SUM
TOTAL ACCIDENTS	35
PERSONS KILLED	37
ALCOHOL ACCIDENTS	19
PEDESTRIAN ACCIDENTS	3
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	4
SEMI ACCIDENTS	4

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

JULY 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 2 TOTAL 2 KILLED 1 ALCOHOL	3 1 TOTAL 1 KILLED	4 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	5
6	7 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	8	9 2 TOTAL 2 KILLED	10 3 TOTAL 3 KILLED 1 MCYCLE 1 SEMI	11 1 TOTAL 1 KILLED 1 SEMI	12
13 1 TOTAL 1 KILLED 1 ALCOHOL	14	15	16	17	18	19
20 3 TOTAL 3 KILLED 1 ALCOHOL	21	22	23 2 TOTAL 2 KILLED 1 ALCOHOL	24	25 2 TOTAL 3 KILLED	26 4 TOTAL 4 KILLED 2 ALCOHOL 1 MCYCLE
27 3 TOTAL 4 KILLED 1 ALCOHOL	28 1 TOTAL 3 KILLED	29	30 2 TOTAL 2 KILLED 1 ALCOHOL 1 MCYCLE	31 1 TOTAL 1 KILLED		

	SUM
TOTAL ACCIDENTS	30
PERSONS KILLED	36
ALCOHOL ACCIDENTS	10
PEDESTRIAN ACCIDENTS	1
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	4
SEMI ACCIDENTS	2

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

AUGUST 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 4 TOTAL 4 KILLED 1 ALCOHOL 1 MCYCLE 1 SEMI	2 3 TOTAL 3 KILLED 2 ALCOHOL 1 MCYCLE
3	4	5 1 TOTAL 1 KILLED 1 PED	6 1 TOTAL 3 KILLED	7 1 TOTAL 1 KILLED 1 PED	8 2 TOTAL 2 KILLED 2 ALCOHOL	9 1 TOTAL 1 KILLED
10 5 TOTAL 5 KILLED 2 ALCOHOL 1 SEMI	11 1 TOTAL 1 KILLED 1 MCYCLE	12	13 1 TOTAL 1 KILLED 1 MCYCLE	14 1 TOTAL 1 KILLED 1 SEMI	15 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	16 4 TOTAL 4 KILLED 2 ALCOHOL 1 PED
17 2 TOTAL 2 KILLED 2 ALCOHOL	18 1 TOTAL 1 KILLED	19	20	21	22 1 TOTAL 1 KILLED 1 SEMI	23 1 TOTAL 1 KILLED 1 SEMI
24 2 TOTAL 2 KILLED 1 ALCOHOL	25	26 2 TOTAL 3 KILLED 1 ALCOHOL	27 2 TOTAL 4 KILLED 2 ALCOHOL	28 1 TOTAL 1 KILLED	29 2 TOTAL 2 KILLED 1 MCYCLE	30 2 TOTAL 2 KILLED 2 ALCOHOL 1 PED
31						

	SUM
TOTAL ACCIDENTS	43
PERSONS KILLED	48
ALCOHOL ACCIDENTS	18
PEDESTRIAN ACCIDENTS	4
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	5
SEMI ACCIDENTS	6

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

SEPTEMBER 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 3 TOTAL 3 KILLED 1 ALCOHOL	3 1 TOTAL 1 KILLED	4 2 TOTAL 3 KILLED 1 ALCOHOL	5 2 TOTAL 2 KILLED	6 3 TOTAL 5 KILLED 2 ALCOHOL
7 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	8	9 1 TOTAL 1 KILLED	10 2 TOTAL 4 KILLED	11	12	13 1 TOTAL 1 KILLED 1 SEMI
14 3 TOTAL 3 KILLED 3 ALCOHOL 1 PED	15 2 TOTAL 2 KILLED 1 ALCOHOL	16	17 1 TOTAL 1 KILLED 1 PED	18 1 TOTAL 1 KILLED	19 1 TOTAL 1 KILLED	20
21 2 TOTAL 2 KILLED 1 ALCOHOL	22 1 TOTAL 2 KILLED 1 MCYCLE 1 SEMI	23	24 1 TOTAL 1 KILLED	25	26 3 TOTAL 5 KILLED 1 SEMI	27 3 TOTAL 3 KILLED
28	29	30				

	SUM
TOTAL ACCIDENTS	35
PERSONS KILLED	43
ALCOHOL ACCIDENTS	10
PEDESTRIAN ACCIDENTS	3
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	1
SEMI ACCIDENTS	3

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

OCTOBER 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 1 TOTAL 1 KILLED	3	4 4 TOTAL 5 KILLED 4 ALCOHOL
5 1 TOTAL 1 KILLED 1 MCYCLE	6 2 TOTAL 2 KILLED 1 ALCOHOL	7	8	9	10 1 TOTAL 2 KILLED	11 2 TOTAL 2 KILLED 2 ALCOHOL
12 1 TOTAL 1 KILLED 1 ALCOHOL	13	14	15	16 2 TOTAL 2 KILLED 1 ALCOHOL	17 2 TOTAL 2 KILLED 1 SEMI	18 2 TOTAL 2 KILLED 1 ALCOHOL
19	20 1 TOTAL 2 KILLED 1 ALCOHOL	21	22 1 TOTAL 1 KILLED 1 ALCOHOL	23	24 1 TOTAL 1 KILLED 1 PED	25 3 TOTAL 3 KILLED 1 ALCOHOL
26 1 TOTAL 1 KILLED	27 1 TOTAL 1 KILLED	28 1 TOTAL 1 KILLED	29 2 TOTAL 2 KILLED 2 ALCOHOL	30	31 1 TOTAL 1 KILLED 1 PED	

	SUM
TOTAL ACCIDENTS	30
PERSONS KILLED	33
ALCOHOL ACCIDENTS	15
PEDESTRIAN ACCIDENTS	2
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	1
SEMI ACCIDENTS	1

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

NOVEMBER 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 2 TOTAL 2 KILLED 1 ALCOHOL
2	3 1 TOTAL 2 KILLED	4	5 2 TOTAL 2 KILLED	6	7	8 1 TOTAL 1 KILLED 1 PED
9 1 TOTAL 2 KILLED 1 ALCOHOL	10 1 TOTAL 1 KILLED 1 ALCOHOL	11 2 TOTAL 2 KILLED 1 ALCOHOL 1 TRAIN	12	13	14 2 TOTAL 3 KILLED 2 ALCOHOL	15 2 TOTAL 2 KILLED 1 ALCOHOL
16 1 TOTAL 1 KILLED 1 ALCOHOL	17	18 1 TOTAL 1 KILLED	19 4 TOTAL 4 KILLED	20	21	22 1 TOTAL 1 KILLED 1 ALCOHOL
23 1 TOTAL 2 KILLED 1 ALCOHOL	24 1 TOTAL 1 KILLED	25 2 TOTAL 2 KILLED 1 PED	26 1 TOTAL 1 KILLED	27 1 TOTAL 1 KILLED 1 ALCOHOL	28 1 TOTAL 1 KILLED 1 PED	29 1 TOTAL 1 KILLED 1 PED
30 3 TOTAL 6 KILLED 2 ALCOHOL 1 TRAIN						

	SUM
TOTAL ACCIDENTS	32
PERSONS KILLED	39
ALCOHOL ACCIDENTS	13
PEDESTRIAN ACCIDENTS	4
TRAIN ACCIDENTS	2
MOTORCYCLE ACCIDENTS	0
SEMI ACCIDENTS	0

WEST VIRGINIA FATAL COLLISIONS AND FATALITIES

DECEMBER 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 2 TOTAL 2 KILLED 1 ALCOHOL	2	3 1 TOTAL 1 KILLED	4 1 TOTAL 2 KILLED	5 2 TOTAL 2 KILLED	6 3 TOTAL 3 KILLED 2 ALCOHOL 1 PED
7 1 TOTAL 1 KILLED 1 ALCOHOL	8 3 TOTAL 3 KILLED	9 1 TOTAL 1 KILLED 1 SEMI	10	11 1 TOTAL 1 KILLED 1 ALCOHOL	12 1 TOTAL 1 KILLED 1 SEMI	13 1 TOTAL 1 KILLED
14 2 TOTAL 2 KILLED 2 ALCOHOL	15 1 TOTAL 1 KILLED	16 2 TOTAL 2 KILLED 1 PED	17	18	19 1 TOTAL 1 KILLED 1 ALCOHOL	20 4 TOTAL 3 KILLED 2 ALCOHOL 1 SEMI
21 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	22 1 TOTAL 1 KILLED 1 ALCOHOL	23	24	25	26 1 TOTAL 1 KILLED	27 1 TOTAL 1 KILLED 1 ALCOHOL
28 1 TOTAL 1 KILLED 1 MCYCLE	29 2 TOTAL 2 KILLED 1 PED 1 SEMI	30	31 2 TOTAL 2 KILLED 1 PED			

	SUM
TOTAL ACCIDENTS	37
PERSONS KILLED	39
ALCOHOL ACCIDENTS	13
PEDESTRIAN ACCIDENTS	5
TRAIN ACCIDENTS	0
MOTORCYCLE ACCIDENTS	1
SEMI ACCIDENTS	4

1986 WEST VIRGINIA ACCIDENT DATA
ALCOHOL INVOLVEMENT IN FATAL COLLISIONS
BY DRIVER AGE

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY ALCOHOL

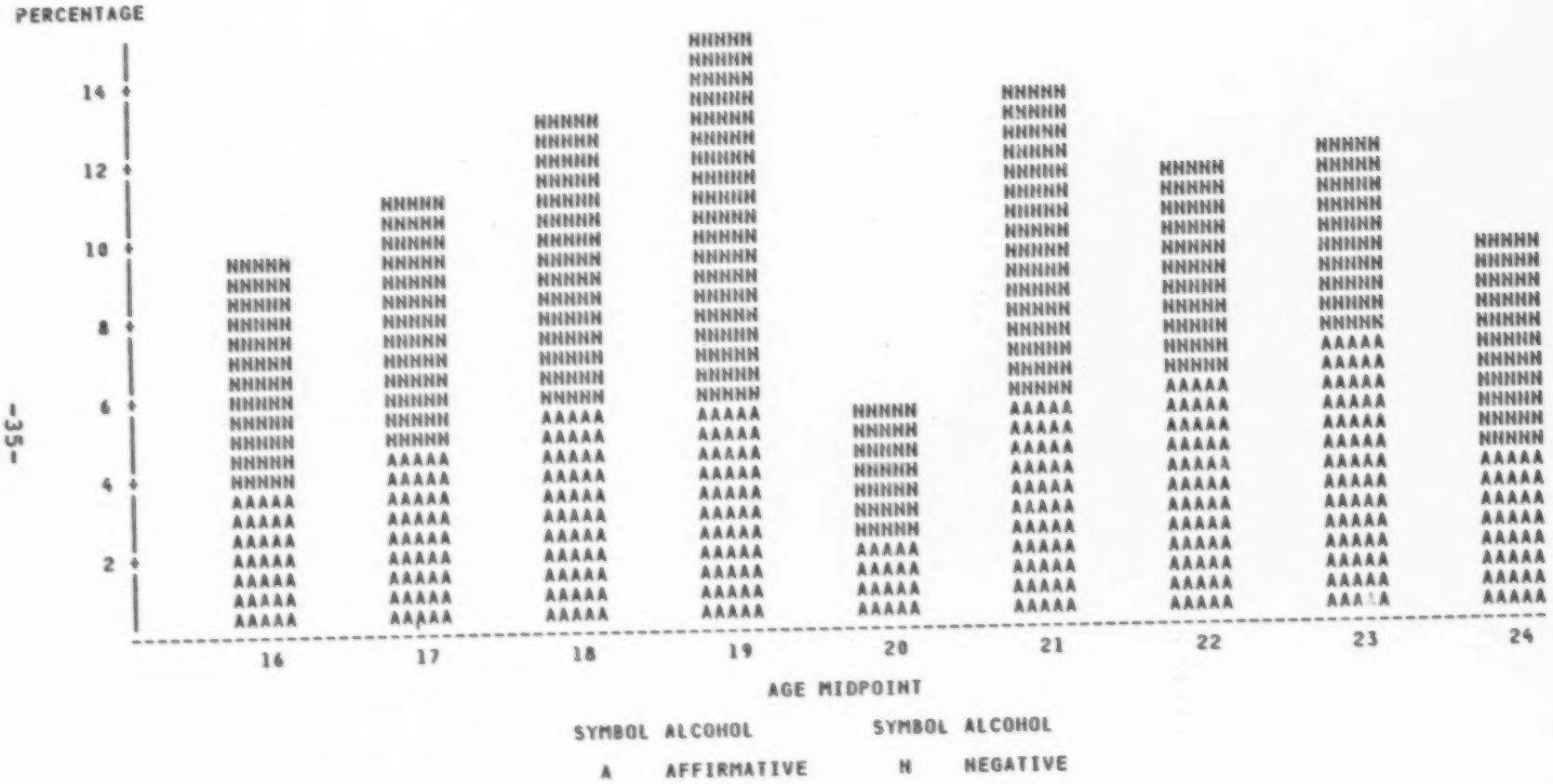
AGE	ALCOHOL		
FREQUENCY PERCENT	AFFIRMATIVE	NEGATIVE	TOTAL
15 AND YOUNGER	0 0.00	1 0.18	1 0.18
16	6 1.07	11 1.96	17 3.02
17	8 1.42	12 2.14	20 3.56
18	10 1.78	14 2.49	24 4.27
19	10 1.78	17 3.02	27 4.80
20	4 0.71	6 1.07	10 1.78
21	10 1.78	15 2.67	25 4.45
22	11 1.96	10 1.78	21 3.74
23	13 2.31	9 1.60	22 3.91
24	7 1.25	10 1.78	17 3.02
25 TO 34	63 11.21	94 16.73	157 27.94
35 TO 44	37 6.58	61 10.85	98 17.44
45 TO 54	12 2.14	34 6.05	46 8.19
55 TO 64	14 2.49	22 3.91	36 6.41
65 TO 74	2 0.36	20 3.56	22 3.91
75 AND OLDER	0 0.00	19 3.38	19 3.38
TOTAL	207 36.83	355 63.17	562 100.00

FREQUENCY MISSING = 34

1986 WEST VIRGINIA ACCIDENT DATA
ALCOHOL INVOLVEMENT IN FATAL COLLISIONS
BY DRIVERS AGE 16-24

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

PERCENTAGE BAR CHART



NOTE: Based on 183 Drivers Age 16-24 Involved in Fatal Accidents